

**The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK  
GOVERNOR**

**TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD  
SECRETARY  
JOHN AUERBACH  
COMMISSIONER**

3/2/2012

Andrius Knasas  
Assistant District Attorney  
Suffolk County District Attorney's Office

Dear ADA Knasas,

Enclosed is the information you requested in regards to item # [REDACTED]

- 1.Curriculum Vitae for Hevis Lleshi and Kate Corbett
- 2.Drug Analysis Laboratory Receipt.
- 3.Control Card with analytical results for sample # [REDACTED]
- 4.Analysis sheet with custodial chemist's hand notations and test results.
- 5.GC/Mass Spectral analytical data for sample # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi  
Chemist I  
Drug Analysis Laboratory  
Jamaica Plain, MA 02130  
(617) 983-6627

## Curriculum Vitae

Hevis Lleshi

### Education

Boston University School of Medicine – Master of Science, Forensic Science  
University of South Florida – Bachelor of Arts, Clinical Psychology

### Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis  
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

### Employment

March, 2011 – Present  
Chemist I, Massachusetts Department of Public Health,  
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

### Additional Training and Laboratory Experience

- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2008 – 2010

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### Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

# Curriculum Vitae

Kate A. Corbett

## Education

### **Bachelor of Science Degree, CHEMISTRY May 2003**

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

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## Employment

### **Chemist II State Laboratory Institute (March 2008-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

### **Chemist I State Laboratory Institute (2005-March 2008)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

### **Research Associate (September 2003 – August 2005)**

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

### **Intern (March 2003 – August 2003)**

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units



**DRUG RECEIPT**

CC #                           
BOOK # 156  
PAGE # 3  
DESTRUCTION #

District/Unit B-3

Name & Rank of Arresting Officer Po. Valenzuela ID# 98633

To be completed by ECU personnel only

Name and Rank of Submitting Officer Maria Jorgeson IP# 937J

Received by as Date 9-28-11

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 2/10/12  
City: Boston D.C.U. Police  
Officer: P.O. Diana Lopez

Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 3 Cont: pb

Date Rec'd: 09/20/2011 No. Analyzed: 1

Gross Wt: 2.460 Net Wt: 0.16g (of 1 pb tested)  
#Tests: 6

Prelim: Cocaine (HCl) Findings: Cocaine

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY BostonANALYST HLLNo. of samples tested: 1Evidence Wt. OKPHYSICAL DESCRIPTION:Gross Wt (3): 0.5092gGross Wt (1): 0.2135g

Three pb containing  
off white substance,  
One pb tested.

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1614gPRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate ( ) + weak / + blue at acid

Marquis \_\_\_\_\_

Froehde's \_\_\_\_\_

Mecke's \_\_\_\_\_

Microcrystalline Tests

Gold Chloride \_\_\_\_\_ +

TLTA (-) + Cu/acid

OTHER TESTS

\_\_\_\_\_

\_\_\_\_\_

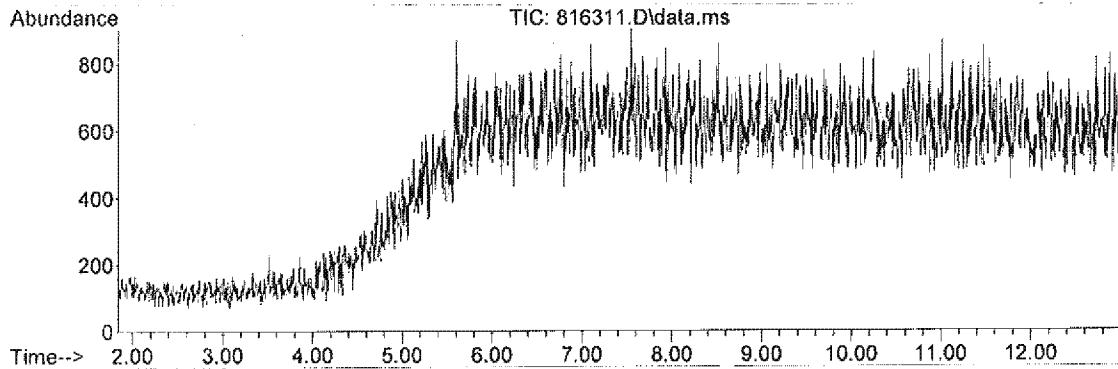
\_\_\_\_\_

PRELIMINARY TEST RESULTSRESULTS CocaineDATE 2/2/2012GC/MS CONFIRMATORY TESTRESULTS CocaineMS OPERATOR KACDATE 2/10/2012

✓KAC  
2/27/12

## Information from Data File:

File Name : C:\msdchem\1\System7\02\_07\_12\816311.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 11:53  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

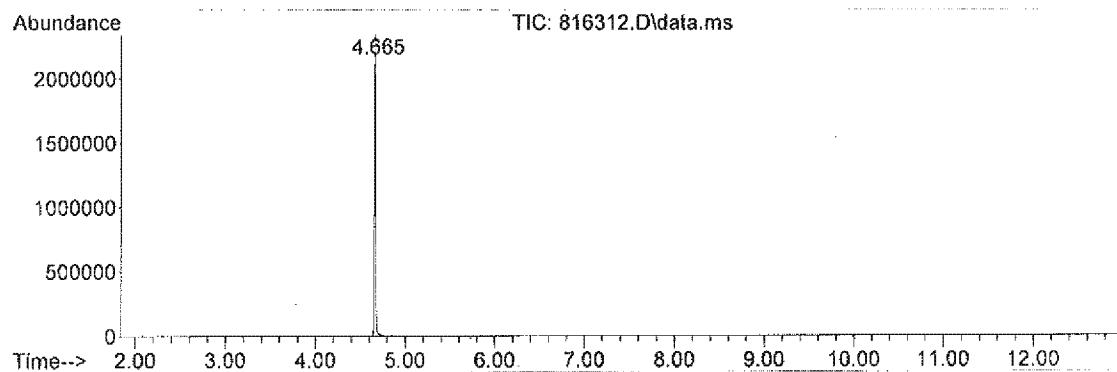
Area Percent / Library Search Report

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Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 12  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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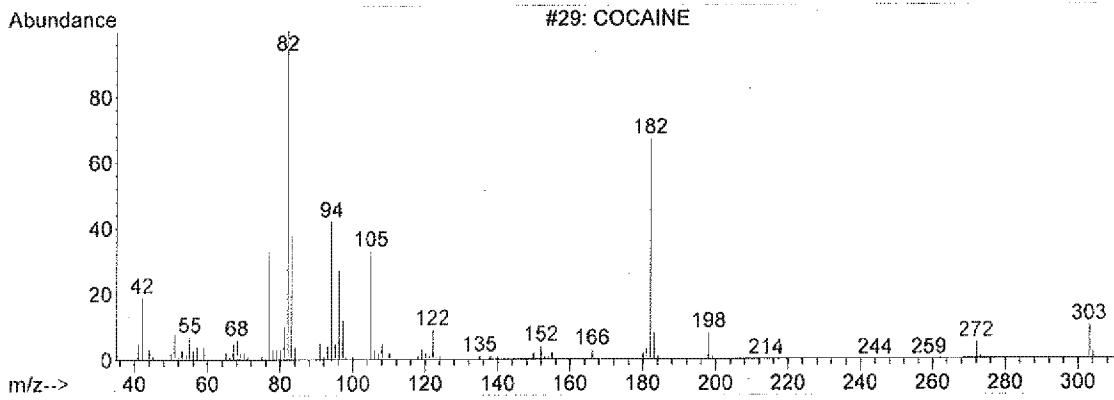
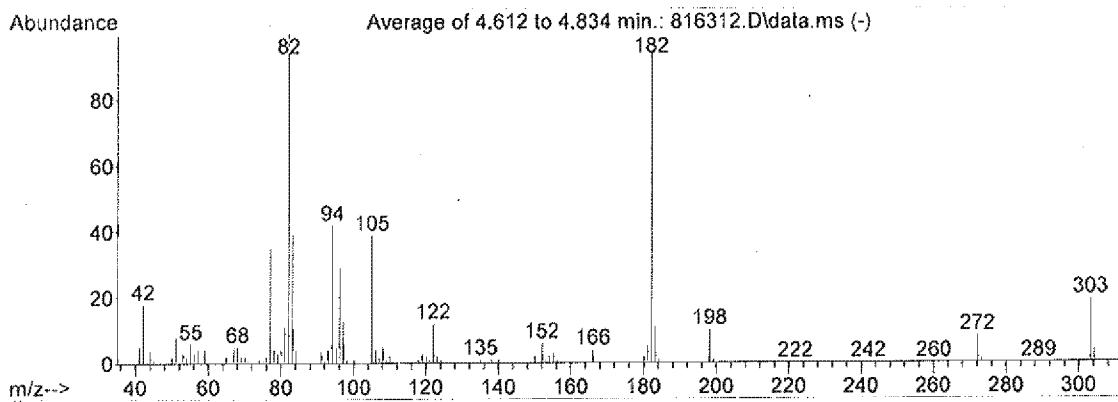
Area Percent / Library Search Report

Information from Data File:

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Operator : KAC  
Date Acquired : 7 Feb 2012 12:09  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 12  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



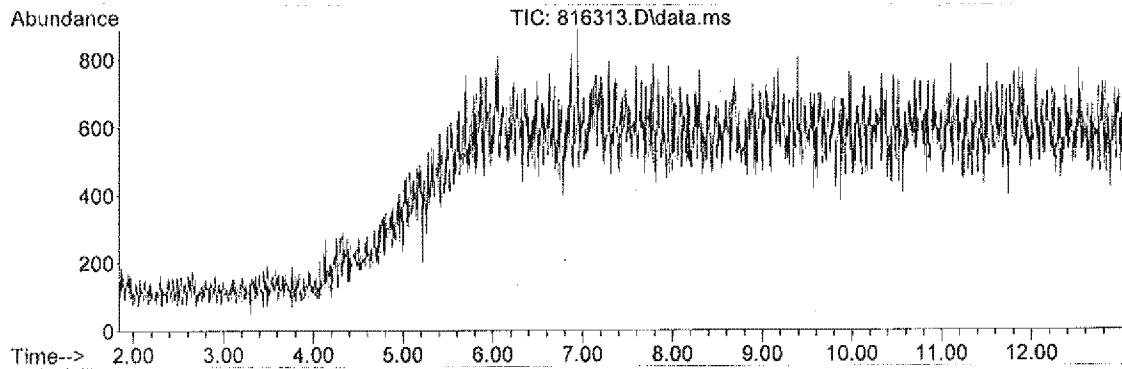
Area Percent / Library Search Report

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Operator : KAC  
Date Acquired : 7 Feb 2012 12:25  
Sample Name : BLANK  
Submitted by : HLL  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

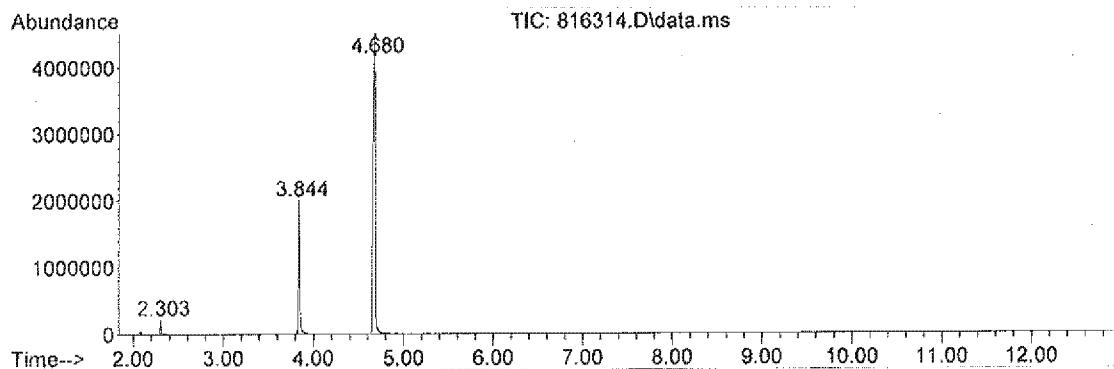
Area Percent / Library Search Report

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Operator : KAC  
Date Acquired : 7 Feb 2012 12:40  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 14  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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3.844	2073658	20.31	26.14
4.680	7932759	77.70	100.00

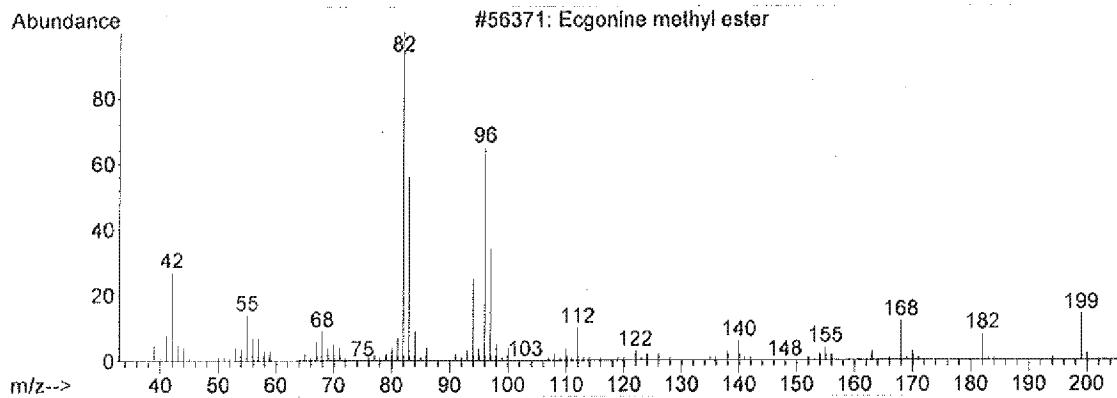
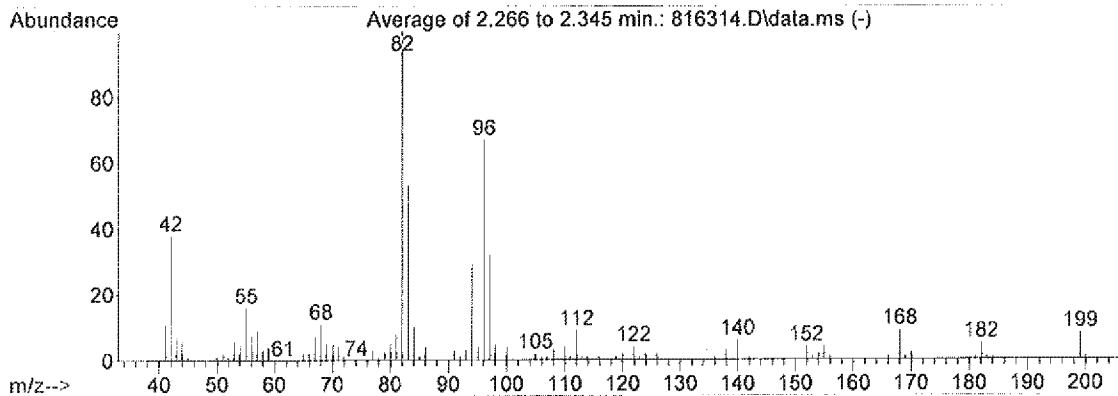
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Submitted by : HLL  
Vial Number : 14  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.30	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	97
		Pseudoecgonine methyl ester	099189-88-5	95
		Ecgonine methyl ester	106293-60-1	95

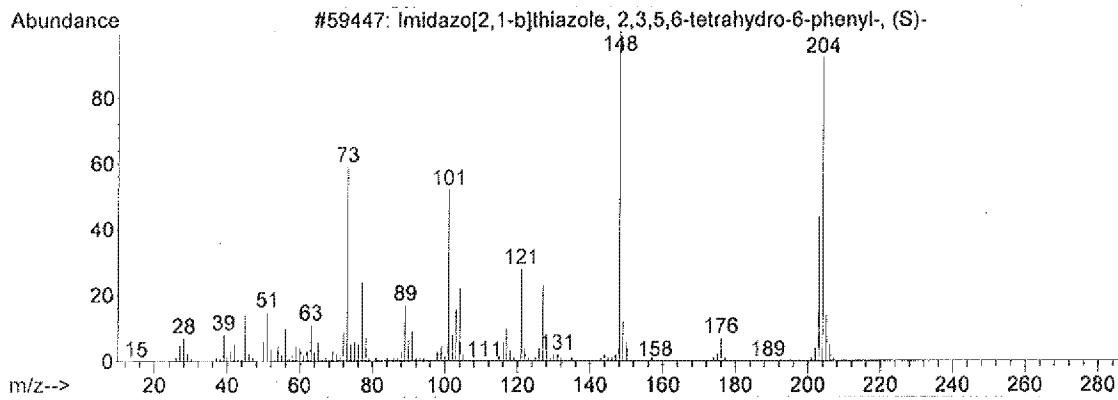
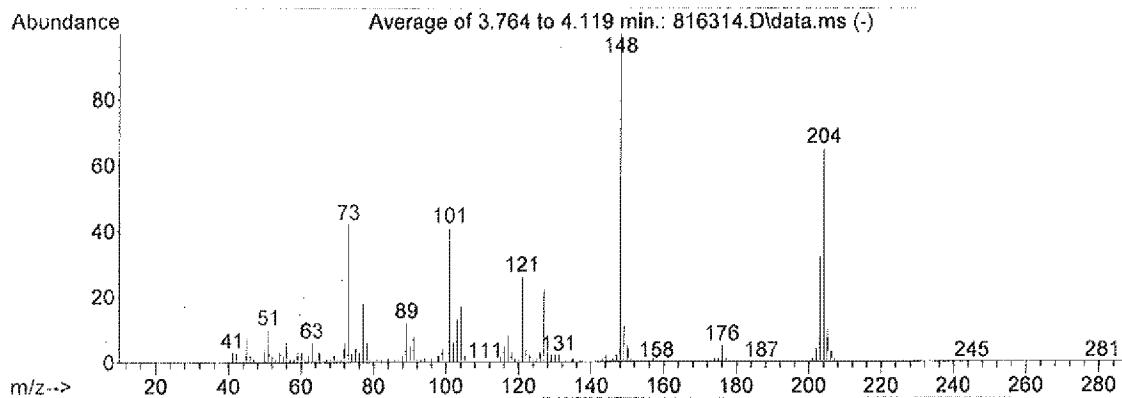


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Date Acquired : 7 Feb 2012 12:40  
Sample Name : XXXXXXXXXX  
Submitted by : HLL  
Vial Number : 14  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.84	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98



Area Percent / Library Search Report

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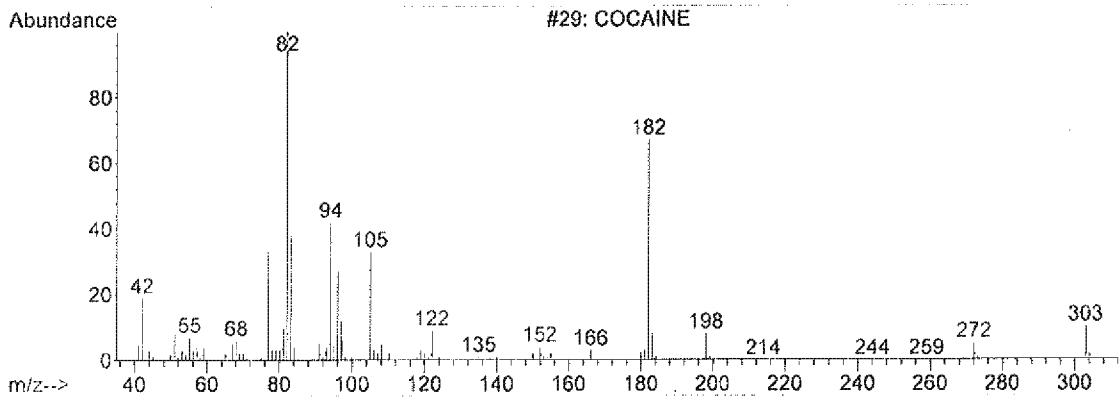
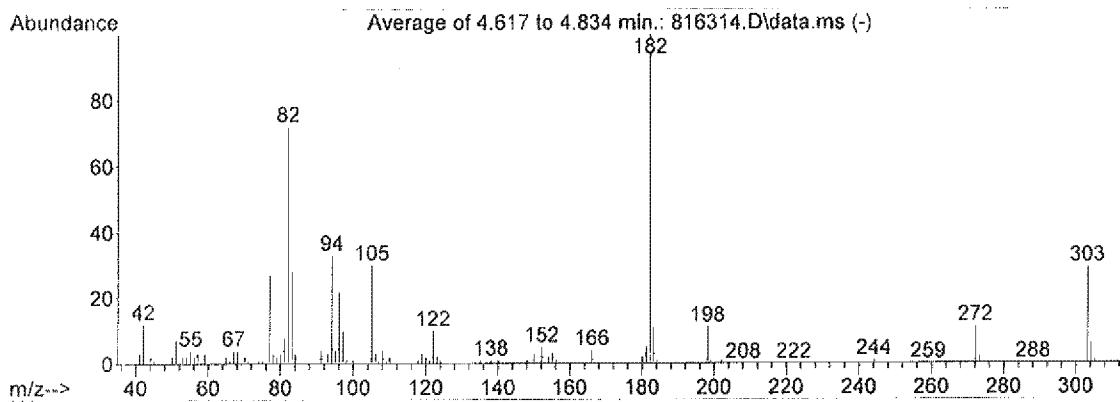
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Sample Name : XXXXXXXXXX  
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Vial Number : 14  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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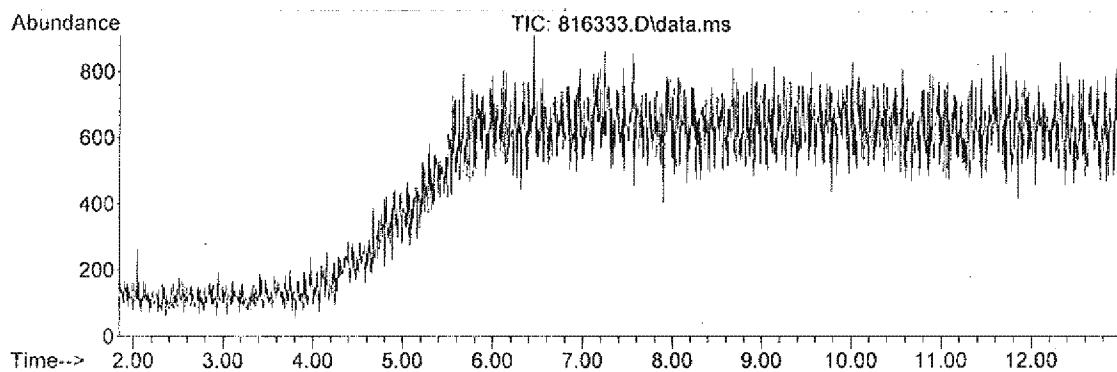
Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.68	C:\Database\SLI.L COCAINE	000050-36-2	99



## Information from Data File:

File Name : C:\msdchem\1\System7\02\_07\_12\816333.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 17:36  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



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Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

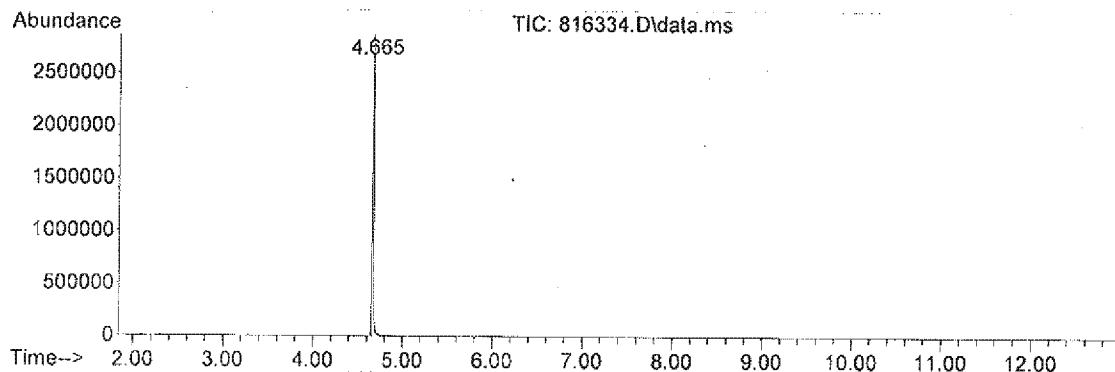
Area Percent / Library Search Report

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Information from Data File:

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Operator : KAC  
Date Acquired : 7 Feb 2012 17:51  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
4.665	2924803	100.00	100.00

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# Area Percent / Library Search Report

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**Information from Data File:**

File Name : C:\msdchem\1\System7\02\_07\_12\816334.D  
Operator : KAC  
Date Acquired : 7 Feb 2012 17:51  
Sample Name : COCAINE STD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

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Search Libraries: C:\Database\SLI.L Minimum Quality: 85  
C:\Database\NIST05a.L Minimum Quality: 85  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99

